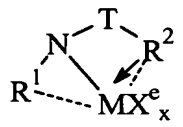
This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (amended) A catalyst composition comprising a catalyst compound selected from Group 4 metal complexes containing one or more ligands that are π-bonded to the transition metal and metal complexes of the formula ,



wherein

R^1 is selected from alkyl, cycloalkyl, heteroalkyl, cycloheteroalkyl, aryl, and inertly substituted derivatives thereof containing from 1 to 30 atoms not counting hydrogen;

T is a divalent bridging group of from 1 to 20 atoms not counting hydrogen,

R^2 is a $C_{6\text{-}20}$ heteroaryl group containing Lewis base functionality,

M is the Group 4 metal,

X^e is an anionic, neutral or dianionic ligand group,

x is a number from 0 to 5 indicating the number of such X^e groups, and

bonds, optional bonds and electron donative interactions are represented by lines, dotted lines and arrows respectively;

an activator capable of converting said catalyst compound into an active catalyst for addition polymerization, optionally a carrier, further optionally a liquid diluent, and a hydroxycarboxylate metal salt additive.

2. (original) A catalyst composition according to claim 1 wherein the hydroxycarboxylate metal salt is a hydroxy-substituted, mono-, di- or tri-carboxylic acid salt wherein the metal portion is a cationic derivative of a metal from Groups 1-13 of the Periodic Table of Elements.

3. (currently amended) A catalyst composition according to claim 1 wherein the hydroxycarboxylate metal salt is represented by the following general formula:

$$M^q(Q^a)_{q'}(OOCQ^b)_{q''}, \text{ where}$$

M^q is a metal from ~~Groups 1 to 16 and the Lanthanide and Actinide series, preferably from Groups 1 to 7 and 12 to 16, more preferably from Groups 3 to 7 and 12 to 14, even more preferably~~ Group 12 of the Periodic Table of the Elements, ~~and most preferably Zn~~;

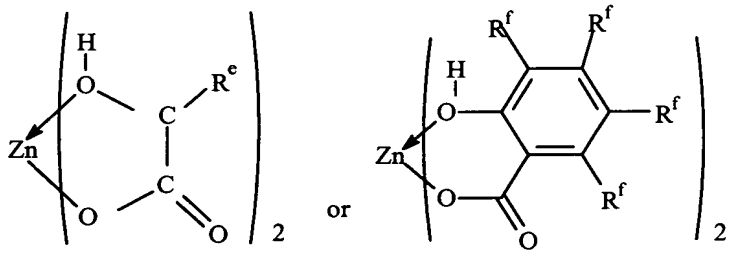
Q^a is halogen, hydrogen, hydroxide, or an alkyl, alkoxy, aryloxy, siloxy, silane, sulfonate or siloxane group of up to 20 atoms not counting hydrogen;

Q^b is a hydrocarbyl radical having from 1 to 50 carbon atoms, ~~preferably 1 to 20 carbon atoms,~~ and optionally substituted with one or more hydroxy, alkoxy, N,N-dihydrocarbylamino, or halo groups, with the proviso that in one occurrence ~~R~~ Q^b is substituted with a hydroxy- ~~or N,N-dihydrocarbylamino- group, preferably a hydroxy-~~ group that is coordinated to the metal, M^q by means of unshared electrons thereof;

q' is an integer from 0 to 3;

q" is an integer from 1 to 4.

4. (original) A catalyst composition according to claim 1 wherein the hydroxycarboxylate metal salt corresponds to the formula:



wherein R^e and R^f independently each occurrence are hydrogen, halogen, or C_{1-6} alkyl.

5. (new) A catalyst composition according to claim 1 wherein the catalyst compound is a π-bonded Group 4 metallocene.

6. (currently amended) An olefin polymerization process wherein one or more olefin monomers are polymerized in the presence of a catalyst composition characterized in that the catalyst composition ~~comprises a hydroxycarboxylate metal salt corresponding~~ corresponds to any one of claims 1-5.